

#5

Sheet 1 of 7

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CELL-0086</b>	Serial No. <b>09/450,999</b>
	Applicant <b>John Robert Porter, John Clifford Head, Graham John Warrellow, and Sarah Catherine Archibald</b>	
	Filing Date <b>November 29, 1999</b>	Group <b>1624</b> <del>Not Yet Assigned</del>

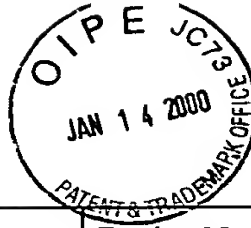
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

TCM	AA ✓	Abraham, W.M. et al., "α <sub>4</sub> -Integrins Mediate Antigen-Induced Late Bronchial Responses and Prolonged Airway Hyperresponsiveness in Sheep," <i>J. Clin. Invest.</i> , <b>1994</b> , 93, 776-787
	AB	Bach et al., "Anomalous optical rotation and circular dichroism of N-thioacylated.alpha.-amino acids and deriva," <i>Acta Chem. Scand.</i> , <b>1966</b> , 20(10), 2781-2794
	AC	Barrett, G.C., "Circular dichroism of N-thiobenzoly-1-α-amino acids. III. Their circular dichroism through the near-ultraviolet wavelength range," <i>J. Chem. Soc.</i> , <b>1967</b> , Section C, 1-5
	AD	Berlin, C. et al., "α <sub>4</sub> β <sub>7</sub> Integrin Mediates Lymphocyte Binding to the Mucosal Vascular Addressin MAdCAM-1," <i>Cell</i> , <b>1993</b> , 74, 185-195
	AE	Binns, R.M. et al., "The Role of E-Selectin in Lymphocyte and Polymorphonuclear Cell Recruitment into Cutaneous Delayed Hypersensitivity Reactions in Sensitized Pigs," <i>J. Immunol.</i> , <b>1996</b> , 157, 4094-4099
	AF	Briskin, M.J. et al., "Structural Requirements for Mucosal Vascular Addressin Binding to Its Lymphocyte Receptor α <sub>4</sub> β <sub>7</sub> ," <i>J. Immunol.</i> , <b>1996</b> , 156, 719-726
	AG	Cardarelli, P.M. et al., "Cyclic RGD Peptide Inhibits α <sub>4</sub> β <sub>7</sub> Interaction with Connecting Segment 1 and Vascular Cell Adhesion Molecule," <i>J. Biol. Chem.</i> , <b>1994</b> , 269(28), 18668-18673
	AH	<i>Chemical Abstracts</i> , "N-[4-Thiazolidinyl]carbonyl]amino acid derivatives," <b>1981</b> , 95(19), Abstract No. 169173f, 1 page
✓	AI	Corey, E.J. et al., "A Synthetic Method for Formyl → Ethynyl Conversion (RCHO → RC≡CH or RC≡CR)," <i>Tetrahedron Lett.</i> , <b>1972</b> , 36, 3769-3772

EXAMINER

DATE CONSIDERED

3/8/04

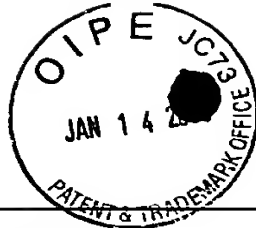


<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CELL-0086</b>	Serial No. <b>09/450,999</b>
	Applicant <b>John Robert Porter, John Clifford Head, Graham John Warreallow, and Sarah Catherine Archibald</b>	
	Filing Date <b>November 29, 1999</b>	Group <b>1624</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AM	AJ	Cornforth, J.W., "Oxazoles and Oxazolones," <i>Chem. Penicillin</i> , Princeton Book Review, <b>1949</b> , pages 688, 799, and 800
	AK	Ferguson, T.A. et al., "Two integrin-binding peptides abrogate T cell-mediated immune responses <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1991</b> , 88, 8072-8076
	AL	Fu, H. et al., "Preliminary study on synthesis and antitumor activity in vitro of derivatives of timonacic," <i>Chemicals Abstracts</i> , <b>1988</b> , 108(17), Abstract No. 150358k, 1 page
	AM	Harris, R.L.N. et al., <i>Aust. J. Chem.</i> , "Potential wool growth inhibitors. 2(1H)-Pyridone analogs of mimosine," <b>1977</b> , 30(3), 649-655
	AN	Hartke, K. et al., "Dithio and thiono esters. Part 61. Synthesis of $\alpha$ -amino dithioesters and endothiodipeptides," <i>J. Prakt. Chem.</i> , <b>1996</b> , 338(3), 251-256
	AO	Holzmann, B. et al., "Peyer's patch-specific lymphocyte homing receptors consist of a VLA-4-like $\alpha$ chain associated with either of two integrin $\beta$ chains, one of which is novel," <i>EMBO J.</i> , <b>1989</b> , 8(6), 1735-1741
	AP	Humphries, M.J. et al., "Mechanisms of VCAM-1 and fibronectin binding to integrin $\alpha_4\beta_1$ : implications for integrin function and rational drug design," <i>Ciba Foundation Symposium</i> , <b>1995</b> , 189, 177-194
	AQ	Issekutz, T.B., "Inhibition of Lymphocyte Endothelial Adhesion and In Vivo Lymphocyte Migration to Cutaneous Inflammation by TA-3, a New Monoclonal Antibody to Rat LFA-1," <i>J. Immunol.</i> , <b>1992</b> , 149(10), 3394-3402
	AR	Jaynes, B.H. et al., "Synthesis and <i>In Vivo</i> Antibacterial Activity of Hygromycin a Analogs Modified at the C <sub>4'</sub> Aryl Position," <i>Bioorg. Med. Chem. Letts.</i> , <b>1993</b> , 3(8), 1531-1536
	AS	Jepson, J.B. et al., "Reactions of $\alpha$ -Thioacylamino-acids. Their conversion into Thiazolones and Derivatives Thereof," <i>J. Chem. Soc.</i> , <b>1955</b> , 1791-1797
	AT	Lei, H. et al., "Efficient Synthesis of a Phosphinate Bis-Amino Acid and Its Use in the Construction of Amphiphilic Peptides," <i>J. Org. Chem.</i> , <b>1994</b> , 59, 4206-4210
↓	AU	Li, Z. et al., "Effect of an anti-Mo1 MAb on ozone-induced airway inflammation and airway hyperresponsiveness in dogs," <i>Am. J. Physiol.</i> , <b>1992</b> , 263(6 Pt 1), L723-726

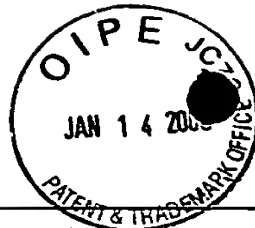
**EXAMINER****DATE CONSIDERED**



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CELL-0086</b>	Serial No. <b>09/450,999</b>
	Applicant <b>John Robert Porter, John Clifford Head, Graham John Warreallow, and Sarah Catherine Archibald</b>	
	Filing Date <b>November 29, 1999</b>	Group <b>162</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

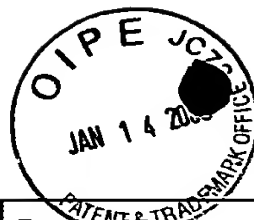
<i>Ren</i>	<b>AV</b>	Marlin, S.D. et al., "LFA-1 Immunodeficiency Disease," <i>J. Exp. Med.</i> , <b>1986</b> , 164, 855-867
	<b>AW</b>	Masahiko, N., Japanese Patent No. 57-080370 published May 19, 1982, "Alpha-Methylcinnamic Acid Derivative, its Preparation and Antilipemic Agent Containing The Same," <i>Patent Abstracts of Japan</i> , <b>1982</b> , 1 page
	<b>AX</b>	Nagasawa, H.T. et al., "β-Substituted Cysteines as Sequestering Agents for Ethanol-Derived Acetaldehyde in Vivo," <i>J. Med. Chem.</i> , <b>1987</b> , 30, 1373-1378
	<b>AY</b>	Noike, Y., "Synthesis of Quinolizine Derivatives. VI. Synthesis of 3-Aminoquinolizines. (1). Synthesis of <i>dl</i> -3-Amino-, <i>dl</i> -3- <i>epi</i> -Amino-, and <i>dl</i> -3- <i>epi</i> -Dimethylaminoquinolizidines," <i>Yakugaku Zasshi</i> , <b>1959</b> , 79(12), 1514-1518 (English summary included)
	<b>AZ</b>	Ohki, S. et al., "Synthesis of quinolizine derivatives. V. Studies on Diastereoisomer of Ethyl 3-Quinolizidinecarboxylate," <i>Chem. Pharm. Bull.</i> , <b>1959</b> , 7(6), 708-712
	<b>BA</b>	Osborne, L., "Leukoctye Adhesion to Endothelium in Inflammation," <i>Cell</i> , <b>1990</b> , 62, 3-6
	<b>BB</b>	Osborn, L. et al., "Direct Expression Cloning of Vascular Cell Adhesion Molecule 1, a Cytokine-Induced Endothelial Protein that Binds to Lymphocytes," <i>Cell</i> , <b>1989</b> , 59, 1203-1211
	<b>BC</b>	Podolsky, D.K. et al., "Attenuation of Colitis in the Cotton-top Tamarin by Anti-α4 integrin Monoclonal Antibody," <i>J. Clin. Invest.</i> , <b>1993</b> , 92, 372-380
	<b>BD</b>	Schultz, Von O.-E. et al., "Analogos of nuleic acid based as antimetabolites," <i>Arzneimittel Forschung. Drug Res.</i> , <b>1967</b> , 17(8), 1060-1064 (English summary included)
	<b>BE</b>	Shroff, H.N. et al., "Small Peptide Inhibitors of α <sub>4</sub> β <sub>7</sub> Mediated MAdCAM-1 Adhesion to Lymphocytes," <i>Barge. Med. Chem. Letts.</i> , <b>1996</b> , 6(21), 2495-2500
	<b>BF</b>	Sonnenberg, A., "Integrins and Their Ligands," <i>Curr. Topics Microbiol. Immunol.</i> , <b>1993</b> , 184, 7-35
	<b>BG</b>	Springer, T.A., "Adhesion receptors of the immune system," <i>Nature</i> , <b>1990</b> , 346, 425-434
<i>✓</i>	<b>BH</b>	Springer, T.A., "Traffic Signals for Lymphocyte Recirculation and Leukocyte Emigration: The Multistep Paradigm," <i>Cell</i> , <b>1994</b> , 76, 301-314
<b>EXAMINER</b> <i>Thomas McElpi</i>		<b>DATE CONSIDERED</b> <i>5/8/04</i>



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CELL-0086</b>	Serial No. <b>09/450,999</b>
	Applicant <b>John Robert Porter, John Clifford Head, Graham John Warreallow, and Sarah Catherine Archibald</b>	
	Filing Date <b>November 29, 1999</b>	Group <b>1629</b> <del>Not Yet Assigned</del>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>TCM</i>	<b>BI</b>	Tsunematsu, H. et al., "Hydrolysis of phenylthiazolones of <i>p</i> -guanidinophenylalanine and arginine by trypsin and related enzymes," <i>J. Biochem.</i> , <b>1983</b> , 94(4), 1119-1125
	<b>BJ</b>	Vanderslice, P. et al., "A Cyclic Hexapeptide is a Potent Antagonist of $\alpha 4$ Integrins," <i>J. Immunol.</i> , <b>1997</b> , 158, 1710-1718
	<b>BK</b>	Yanagisawa, H. et al., WO 97/37970, "Preparation of phenylalkylcarboxylic acid derivatives lowering blood sugar level," <i>Chemical Abstracts</i> , <b>1997</b> , Abstract 127:307307, 4 pages
	<b>BL</b>	Yang, X., "A predominant role of integrin $\alpha 4$ in the spontaneous development of autoimmune diabetes in nonobese diabetic mice," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1994</b> , 91, 12604-12608
	<b>BM</b>	Yednock, T.A., "Prevention of experimental autoimmune encephalomyelitis by antibodies against $\alpha 4 \beta 1$ integrin," <i>Nature</i> , <b>1992</b> , 356, 63-66
	<b>BN</b>	Whitlock, B.J. et al., "Structure and synthesis of lathyrine," <i>J. Org. Chem.</i> , <b>1965</b> , 30, 115-118
	<b>BO</b>	WPI / Derwent No. XP-002076854, Japanese Patent No. <b>JP 04 193 895 A</b> (Ajinomoto, K.K.), July 13, <b>1992</b> , DW9234, 1 Page, Abstract Only
<i>✓</i>	<b>BP</b>	WPI / Derwent No. XP-002076855, Japanese Patent No. <b>JP 56 049 373 A</b> (Dainippon Pharm Co Ltd), May 2, <b>1981</b> , DW8125, 1 Page, Abstract Only
<b>EXAMINER</b>	<i>Thomas D. McPherson</i>	<b>DATE CONSIDERED</b> <i>5/8/04</i>



Sheet 5 of 7

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**CELL-0086**Serial No.  
**09/450,999**Applicant  
**John Robert Porter, John Clifford Head,  
Graham John Warrellow, and  
Sarah Catherine Archibald**Filing Date  
**November 29, 1999**Group **162f**  
~~Not Yet Assigned~~**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>gm</i>	<b>BQ</b>	4,987,132	01/22/91	Mase et al.	514	252
<i>gm</i>	<b>BR</b>	5,164,372	11/17/92	Matsuo et al.	514	19
<i>gm</i>	<b>BS</b>	5,260,277	11/09/93	McKenzie	544	18
<i>gm</i>	<b>BT</b>	5,296,486	03/22/94	Lazer et al.	514	333

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	
<i>tan</i>	<b>BU</b>	0 031 104 A1	07/01/81	EP	X	
	<b>BV</b>	0 048 763 A1	04/07/82	EP	X	
	<b>BW</b>	0 144 230 A	06/12/85	EP	X	
	<b>BX</b>	0 322 068 A1	06/28/89	EP	X	
	<b>BY</b>	0 394 989 A2	10/31/90	EP	X	
	<b>BZ</b>	0 596 406 A1	05/11/94	EP	X	
	<b>CA</b>	0 710 659 A1	05/08/96	EP	X	
	<b>CB</b>	0 842 943 A2	05/20/98	EP	X (Abstract Only)	
	<b>CC</b>	0 842 945 A2	05/20/98	EP	X (Abstract Only)	
	<b>CD</b>	WO 86/02353	04/24/86	PCT	X	
	<b>CE</b>	WO 93/09795	05/27/93	PCT	X	
<i>tan</i>	<b>CE</b>	WO 94/15954	07/21/94	PCT	X (Abstract Only)	

**EXAMINER****DATE CONSIDERED**



**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**CELL-0086**

Serial No.  
**09/450,999**

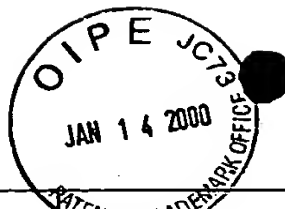
Applicant  
**John Robert Porter, John Clifford Head,  
Graham John Warrelow, and  
Sarah Catherine Archibald**

Filing Date  
**November 29, 1999**

Group **1624**  
~~Not Yet Assigned~~

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>TC</i>	CG	WO 94/29285	12/22/94	PCT	X	
	CH	WO 95/15973	06/15/95	PCT	X	
	CI	WO 94/15955	07/21/94	PCT	X (Abstract Only)	
	CJ	WO 95/13811	05/26/95	PCT	X (Abstract Only)	
	CK	WO 95/35314	12/28/95	PCT	X (Abstract Only)	
	CL	WO 96/01644	01/25/96	PCT	X	
	CM	WO 96/22966	08/01/96	PCT	X	
	CN	WO 97/03094	01/30/97	PCT	X	
	CO	WO 97/12866	04/10/97	PCT	X	
	CP	WO 97/31907	09/04/97	PCT	X	
	CQ	WO 97/36859	10/09/97	PCT	X	
	CR	WO 98/04247	02/05/98	PCT	X	
	CS	WO 98/04913	02/05/98	PCT	X	
	CT	WO 98/42662	10/01/98	PCT	X	
	CU	WO 98/53814	12/03/98	PCT	X	
	CV	WO 98/53817	12/03/98	PCT	X	
	CW	WO 98/53818	12/03/98	PCT	X	
	CX	WO 98/58902	12/30/98	PCT	X	
	CY	WO 99/06390	02/11/99	PCT	X	
	CZ	WO 99/06431	02/11/99	PCT	X	
<b>EXAMINER</b> <i>Thomas M. McEl...</i>				<b>DATE CONSIDERED</b> <i>4/8/01</i>		

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.

**CELL-0086**

Serial No.

**09/450,999**

Applicant

**John Robert Porter, John Clifford Head,  
Graham John Warrellow, and  
Sarah Catherine Archibald**

Filing Date

**November 29, 1999**Group **1624****Not Yet Assigned****FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
T.M.	DA	WO 99/06432	02/11/99	PCT	X	
	DB	WO 99/06433	02/11/99	PCT	X	
	DC	WO 99/06434	02/11/99	PCT	X	
	DD	WO 99/06435	02/11/99	PCT	X	
	DE	WO 99/06436	02/11/99	PCT	X	
	DF	WO 99/06437	02/11/99	PCT	X	
	DG	WO 99/10312	03/04/99	PCT	X	
	DH	WO 99/10313	03/04/99	PCT	X	
	DI	WO 99/20272	04/29/99	PCT	X	
	DJ	WO 99/35163	07/15/99	PCT	X	
	DK	JP 03 135962	06/10/91	Japan	X (Abstract Only)	
	DL	DE 196 54 483 A	01/02/98	Germany	X (Abstract Only)	
	DM	DE 23 16 881 A	10/11/73	Germany	X (Abstract Only)	
EXAMINER	Thomas O'Leary			DATE CONSIDERED	9/8/04	